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- (71) Applicant (for all designated States except US):
HYOSUNG CORPORATION [KR/KR]; 450, Kong-duk-Dong, Mapo-Gu, Seoul 121-020 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KANG, Yeon, Soo** [KR/KR]; 105-108, Woosung Apt., 85, Bakdal-Dong, Manan-Gu, Anyang-Si, Gyeonggi-Do 430-030 (KR). **JIN, Joong, Seong** [KR/KR]; 220, Hyosung Dormitory, 913-2, Hoggie-Dong, Dongan-Gu, Anyang-Si, Gyeonggi-Do 431-080 (KR). **SEO, Seung, Won** [KR/KR]; 991-2102, Baekdoo Hanyang Apt., Sanbon-Dong, Gunpo-Si, Gyeonggi-Do 435-040 (KR). **KWON, Ik, Hyeon** [KR/KR]; 202-1304, Eunhaeng 2-cha Chunggu Apt., 548, Daeya-Dong, Siheung-Si, Gyeonggi-Do 429-717 (KR).
- (74) Agents: **KIM, Hak, Je** et al.; Phoenix International, Patent and Law Office, Kwangwhamoon P.O. Box 1828, Seoul 110-618 (KR).
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(54) Title: PROCESS FOR PREPARING ELASTIC FIBER HAVING HIGH MODULUS, ALKALI-RESISTANCE AND HEAT-RESISTANCE

(57) Abstract: Disclosed herein is a process for preparing an elastic fiber having a high modulus and superior resistance to alkali and heat. The process comprises the steps of adding 1~20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, homogeneously stirring the mixture to obtain a spinning solution, and ripening and spinning the solution. According to the process, a high modulus and highly heat resistant elastic fiber can be prepared without a sudden change in conditions for preparation of the polymer.

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